

# Purchase Order Receipt Listing

Monday, March 10, 2014 8:00:03 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO23230 Receipt Dates from 3/10/2014 to 3/10/2014 All Line Item Types  
All Item ID/GL/WOs All Rec. Employees All Currencies  
Grouped by Vendor ID

| Purchase Order ID/<br>Curr Type                                 | Line Nbr/<br>Insp Req | Project ID | Reference/<br>Description/<br>Cert Std | PO U/M/<br>Stock U/M | Required Date | Recv Date/<br>Emp | Recv Qty<br>(PO U/M) | Cost Per Unit/<br>Recv Value | Inspected Qty/<br>Rejected Qty<br>(PO U/M) | MIRB Qty/<br>MIRB Reject Qty | Book Amt |
|---|-----------------------|------------|--|----------------------|---------------|-------------------|----------------------|------------------------------|--|------------------------------|----------|
| Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd |                       |            |  |                      |               |                   |                      |                              |  |                              |          |
| PO23230   | 1                     |            | M6061T6T8.000W.1 f                     |                      | 3/10/2014     | 3/10/2014         | 20.0000              | \$13.18                      | 0.0000                                     | 0                            | \$263.68 |
|   |                       |            | 25                                     |                      |               |                   |                      |                              |  |                              |          |
| CAD   | No                    |            | 6061-T6 RD Tube                        | f                    | 20.0000       | DESJ02            |                      | \$263.68                     | 0.0000                                     | 0                            |          |
|   |                       |            | 8.00 X.125W                            |                      |               |                   |                      |                              |  |                              |          |
|   |                       |            | M128435                                |                      |               |                   |                      |                              |  |                              |          |
|   | 2                     |            | M304S20GA                              | sf                   | 3/10/2014     | 3/10/2014         | 320.0000             | \$2.40                       | 0.0000                                     | 0                            | \$766.65 |
|   | No                    |            | 304/316 .040 Sheet                     | sf                   | 220.0000      | DESJ02            |                      | \$766.65                     | 0.0000                                     | 0                            |          |
|   |                       |            | M128435                                |                      |               |                   |                      |                              |  |                              |          |
|   | 3                     |            | M304S18GA                              | sf                   | 3/10/2014     | 3/10/2014         | 192.0000             | \$3.25                       | 0.0000                                     | 0                            | \$623.07 |
|   | No                    |            | 304/316 .050 Sheet                     | sf                   | 192.0000      | DESJ02            |                      | \$623.07                     | 0.0000                                     | 0                            |          |
|   |                       |            | M128435                                |                      |               |                   |                      |                              |  |                              |          |
|   | 4                     |            | M6061T6S.090                           | sf                   | 3/10/2014     | 3/10/2014         | 96.0000              | \$3.47                       | 0.0000                                     | 0                            | \$333.21 |
|   | No                    |            | 6061-T6 .090 Sheet                     | sf                   | 96.0000       | DESJ02            |                      | \$333.21                     | 0.0000                                     | 0                            |          |
|   |                       |            | M128435                                |                      |               |                   |                      |                              |  |                              |          |
|   | 5                     |            | M6061T6B0.375X01. f                    |                      | 3/10/2014     | 3/10/2014         | 48.0000              | \$0.83                       | 0.0000                                     | 0                            | \$39.88  |
|   | No                    |            | 000                                    |                      |               |                   |                      |                              |  |                              |          |
|   |                       |            | 6061T6 BAR .375 x                      | f                    | 48.0000       | DESJ02            |                      | \$39.88                      | 0.0000                                     | 0                            |          |
|   |                       |            | 1.00                                   |                      |               |                   |                      |                              |  |                              |          |
|   |                       |            | M128435                                |                      |               |                   |                      |                              |  |                              |          |

Total Received Quantity: 676.0000  
Total Qty to Inspect (PO U/M): 0.0000  
Total Reject Quantity: 0.0000  
Total Receipt Value: \$2,026.50  
Total Balance Due Quantity: 0.0000



4930

B I L L O F L A D I N G

No: PEC 866491

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 06Mar14 at 15:54 From PFW  
Probill  
Via VIM TRANSFER  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-658435- 1 Your PO # 23230

ALUMINUM TUBE 6061-T6511

8.00" OD x .125" WALL X 240.0000"

Heat Number Tag No  
21513789 268791

Quantity PCS  
20 FT 1

Wt LBS  
74

MTR

2) Our Order PEC-658435- 2 Your PO # 23230

STAINLESS STEEL SHEET 304-2B

.0360 Nom X 48.0000" X 96.0000"

Heat Number Tag No  
350174 269061

Quantity PCS  
320.00 SFT 10

Wt LBS  
481

MTR

3) Our Order PEC-658435- 3 Your PO # 23230

STAINLESS STEEL SHEET 304-2B

.0480 Nom X 48.0000" X 96.0000"

Heat Number Tag No  
A1303987 269062

Quantity PCS  
192.00 SFT 6

Wt LBS  
385

MTR

4) Our Order PEC-658435- 4 Your PO # 23230

ALUMINUM SHEET 6061 T6

.0910 Nom X 48.0000" X 144.0000"

Heat Number Tag No  
397622 268846

Quantity PCS  
96.00 SFT 2

Wt LBS  
117

MTR

5) Our Order PEC-658435- 5 Your PO # 23230

ALUMINUM FLAT BAR 6061-T6511

.375" x 1.00" X 144.0000"

Heat Number Tag No  
21359 268792

Quantity PCS  
48 FT 4

Wt LBS  
20

MTR

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE



SHIP FROM:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

SHIP TO: ( 1 )  
DART AEROSPACE

NO: PEC 866491  
SHIP DATE 06Mar14 at 15:54 From PFW  
PROBILL  
Via VIM TRANSFER  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115 )  
DART AEROSPACE

B I L L O F L A D I N G

|        | Tags | PCS | LBS  |
|--------|------|-----|------|
| TOTAL: | 5    | 23  | 1077 |

Heat Number \*\*\* Chemical Analysis \*\*\*  
21359  
21513789  
350174  
A1303987

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

TOTAL 2 BDLS, 2 SKIDS GW. 1275 LBS

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*

\*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\*\*\*

\* WE STOCK STAINLESS STEEL \*

\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*

\*\*\*\*\*

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*

Page: 2 .... Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX  
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE



# THYSSENKRUPP MATERIALS NA

**DART AEROSPACE**  
ALUMINUM TUBE 6061-T6511  
8.00" OD x .125" WALL X 240.0000"  
PART NO.

PO/REL 23230

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-866491-001

Pg 1/2

**sapa**

Sapa Industrial Extrusions  
53 POTTSVILLE STREET  
CRENSHAW, PA  
17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoice To Customer

THYSSENKRUPP MATERIALS NA INC.  
2821 LANGSTAFF ROAD  
ATTN: ACCOUNT PAYABLE

CONCORD, ON L4K 5C6

Ship To Customer

THYSSENKRUPP MATERIALS NA INC.  
2821 LANGSTAFF ROAD

CONCORD, ON L4K5C6

### Certified Inspection Report

| Order Number | Line No. | Customer P/O   | Cert Number        | Page            |
|--------------|----------|----------------|--------------------|-----------------|
| 1100643910   | 1        | PEC-250818-001 | SAPAB9274          | 1 of 2          |
|              |          |                | Cert Creation Date | Cert Print Date |
|              |          |                | 03-SEP-13          | 03-SEP-13       |

| Quantity Shipped  | Date Shipped | Item Description     | Specification          |
|-------------------|--------------|----------------------|------------------------|
| 1080              | 03-SEP-13    | Tube                 | ASTM B221 REV 12       |
| 101               | Item No.     | 8.000 OD x .125 WALL | ASTM B221 REV 13       |
| 460322            | Item No.     | 240.000 IN LN        | ASTM B221 REV 13       |
| Delivery III      | Item No. Rev | FIN. M-MILL          | ASTM B221 REV 13       |
| 4463747           | Item No. Rev | WFL 1.697 F. 14 CS 8 | ASTM B221 REV 13       |
| Customer Part No. |              | 006176511            | AMS-QQ-A-2008 REV 1997 |
| 8X.125            |              | Marking CONTINUOUS.  |                        |

Applicable Specifications, Revisions and Exceptions  
COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Signature And Title

*William T. Martin, III*  
William Martin III  
Tech/Quality Manager

03-SEP-13

**Legal Statement**  
We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior approval of our Quality Assurance Dept.

| Package Number | Lot Number | Quantity | UOM | Gross Weight | Net Weight |
|----------------|------------|----------|-----|--------------|------------|
| G12-PKG2026175 | 21513789   | 5        | PCS | 368          | 364        |
| G12-PKG2026177 | 21513789   | 5        | PCS | 368          | 360        |
| G12-PKG2026178 | 21513789   | 5        | PCS | 368          | 360        |

| Alloy | Si   |      | Fe  |      | Cu   |      | Mn  |      | Mg   |      | Cr   |      | Zn  |      |
|-------|------|------|-----|------|------|------|-----|------|------|------|------|------|-----|------|
|       | Min  | Max  | Min | Max  | Min  | Max  | Min | Max  | Min  | Max  | Min  | Max  | Min | Max  |
| 6061  | 0.40 | 0.80 | --- | 0.70 | 0.15 | 0.40 | --- | 0.15 | 0.80 | 1.20 | 0.04 | 0.15 | --- | 0.25 |



# THYSSENKRUPP MATERIALS NA

**PART AEROSPACE**  
ALUMINUM TUBE 6061-T6511  
8.00" OD x .125" WALL X 240.0000"  
PART NO.

P.O./Ref 232.30

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-866491-001

67Mar14  
Pg 2/2

Signed by:

**sapa**

Sapa Industrial Extrusions  
53 POTTSVILLE STREET  
CRENSHAW, PA  
17929-0187

### Certified Inspection Report

Sales Order Number 1100643910 Line No. 1 Customer PRO  
FEC-220628-001

Cert Number SAPAN29274  
Page 2 of 2  
Cert Creation Date 03 SEP 13

| Alloy | Ti  |      | Bt  |      | Pd  |      | Others Each |      | Others Total |      |
|-------|-----|------|-----|------|-----|------|-------------|------|--------------|------|
|       | Min | Max  | Min | Max  | Min | Max  | Min         | Max  | Min          | Max  |
| 6061  | --- | 0.15 | --- | 0.05 | --- | 0.05 | ---         | 0.05 | ---          | 0.15 |

#### Composition Results

| Heat/Coil | Si   | Fe   | Cu   | Mn   | Mg   | Cr   | Zn   | Ti   | Bt  | Pb  | Others Each | Others Total |
|-----------|------|------|------|------|------|------|------|------|-----|-----|-------------|--------------|
| 4030429   | 0.71 | 0.23 | 0.27 | 0.06 | 0.93 | 0.06 | 0.02 | 0.02 | --- | --- | ---         | ---          |

#### Mechanical Property - Test Limits

| Test Temp | Lot Number | # of Test | UITS - L  |           | TYS - L   |           | EL-4D-Long |           |
|-----------|------------|-----------|-----------|-----------|-----------|-----------|------------|-----------|
|           |            |           | MIN Value | MAX Value | MIN Value | MAX Value | MIN Value  | MAX Value |
| 16511     | 21513789   | 1         | 42.2      | 42.2      | 37.1      | 37.1      | 9.6        | 9.6       |

#### Cert Notes

Products manufactured with a T6511 temper also meet T6 temper requirements.  
Yield strength has been determined by the 0.2% offset method.  
All mill finish alloys produced at Sapa Industrial Extrusions comply with Directive 2011/65/EU (RoHS 2) with the exception of 6262 alloy.  
In accordance with EN 10204 Inspection Certificate Type A1.  
Metel in the USA or Other Qualified Countries as Defined by DEFAHS 225.872.1  
Made in USA



# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL SHEET 304-2B

.0360 Nom X 48.0000" X 96.0000"

PART NO.

PO/Rel 23230

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

## Certificate of Mill Test Results

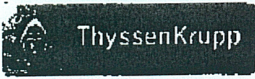
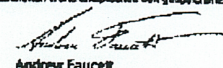
BL PEC-866491-002

6Mar14

Signed by: \_\_\_\_\_

Pg 1/1

180202

| <br><b>ThyssenKrupp Stainless USA</b>  |      | <b>INSPECTION CERTIFICATE</b><br>CERTIFICADO DE INSPECCION<br>ABNAHMEPROFZEUGNIS<br>according to / de acuerdo con / nach<br>EN 10204-3.1   |  | Document number /<br>Nº de certificado /<br>Bescheinigungs-Nr.<br><b>0000024315 /</b><br>Page / Pagina / Seite:<br><b>1 / 1</b>   |       |      |      |       |      |     |      |      |      |     |      |       |      |      |       |        |       |      |      |       |      |
|---|------|--|--|---|-------|------|------|-------|------|-----|------|------|------|-----|------|-------|------|------|-------|--------|-------|------|------|-------|------|
| 1 ThyssenKrupp Drive; P.O. Box 13000; Calvert, AL 36513-1300<br><br>OLBERT METALS SALES LIMITED<br>989 DERRY ROAD EAST SUITE 305<br>MISSISSAUGA ON L5T 2J8<br>CANADA  |      |  | Customer/Ship to / Cliente / Bestelle/Empfänger<br><b>OLBERT METALS SALES LIMITED, MISSISSAUGA</b><br>Customer's order number / Nº de Pedido Cliente / Kundenbestell-Nr.<br><b>TO-1822</b><br>Manufacturer's works order no. / Nº de Pedido Manufactura / Werksauftrag-Nr.<br><b>901145085 / 001</b><br>Delivery note no. / Nº de Entrega / Lieferschein-Nr.<br><b>85216370 / 010</b><br>Product / Producto / Erzeugnis<br><b>COIL/BOBINA/BAND</b> |   |       |      |      |       |      |     |      |      |      |     |      |       |      |      |       |        |       |      |      |       |      |
| Terms of delivery / Condiciones de entrega / Lieferbedingungen<br><b>ASTM A240/A240M, ASME SA-240 Sec. II Part A Ed.2010</b><br><b>ASTM A480/A480M, ASME SA-480 Sec. II Part A Ed.2010</b>  |      |  | Steel grade and quality / Acero / Stahlsorte und Gütegruppe<br><b>TYPE 304</b>   |   |       |      |      |       |      |     |      |      |      |     |      |       |      |      |       |        |       |      |      |       |      |
| Customer's material no. /<br>Nº de Material del cliente /<br>Kundenmaterial-Nr.   |      | Product dimensions (Thickness / Width / Length) /<br>Dimensiones (Espesor / Ancho / Largo) /<br>Maße des Erzeugnisses (Dicke / Breite / Länge)   |  | Steelmaking procedure /<br>Proceso de manufact. /<br>Herstellart  |       |      |      |       |      |     |      |      |      |     |      |       |      |      |       |        |       |      |      |       |      |
|   |      | <b>0.89 mm x 1,219.20 mm</b><br><b>0.0351 inch x 48.0000 inch</b>  |  | <b>AOD</b>  |       |      |      |       |      |     |      |      |      |     |      |       |      |      |       |        |       |      |      |       |      |
| Finishing /<br>Nº de Material del cliente /<br>Kundenmaterial-Nr.   |      | Actual weight /<br>Peso actual /<br>Ist-Gewicht  |  | Sample id. /<br>Nº de muestra /<br>Proben-Nr.   |       |      |      |       |      |     |      |      |      |     |      |       |      |      |       |        |       |      |      |       |      |
| <b>6040148</b>  |      | <b>19,423 lb / 8,810 kg</b>  |  | <b>1000053801</b>   |       |      |      |       |      |     |      |      |      |     |      |       |      |      |       |        |       |      |      |       |      |
| Serial / Suma / Serien-Nr.  |      | <b>1</b>   |  | <b>1000053802</b>   |       |      |      |       |      |     |      |      |      |     |      |       |      |      |       |        |       |      |      |       |      |
| Heat /<br>Colada /<br>Schmelze  |      | Country of heat /<br>País de colada /<br>Erzeugungsort   |  | Chemical composition / Composición Química / Chemische Zusammensetzung  |       |      |      |       |      |     |      |      |      |     |      |       |      |      |       |        |       |      |      |       |      |
| <b>350174</b>   |      | <b>DEU</b>   |  | <table border="1"> <thead> <tr> <th>% C</th> <th>% Si</th> <th>% Mn</th> <th>% P</th> <th>% S</th> <th>% Cr</th> <th>% Mo</th> <th>% Ni</th> <th>% N</th> <th>% Cu</th> </tr> </thead> <tbody> <tr> <td>0.037</td> <td>0.38</td> <td>1.24</td> <td>0.027</td> <td>0.0020</td> <td>18.05</td> <td>0.32</td> <td>8.02</td> <td>0.084</td> <td>0.26</td> </tr> </tbody> </table> |       | % C  | % Si | % Mn  | % P  | % S | % Cr | % Mo | % Ni | % N | % Cu | 0.037 | 0.38 | 1.24 | 0.027 | 0.0020 | 18.05 | 0.32 | 8.02 | 0.084 | 0.26 |
| % C   | % Si | % Mn   | % P  | % S   | % Cr  | % Mo | % Ni | % N   | % Cu |     |      |      |      |     |      |       |      |      |       |        |       |      |      |       |      |
| 0.037   | 0.38 | 1.24   | 0.027  | 0.0020  | 18.05 | 0.32 | 8.02 | 0.084 | 0.26 |     |      |      |      |     |      |       |      |      |       |        |       |      |      |       |      |
| Sample Property /<br>Local de la muestra /<br>Probenlage  |      | <b>TRANSVERSE</b>  |  |   |       |      |      |       |      |     |      |      |      |     |      |       |      |      |       |        |       |      |      |       |      |
| Inspection lot /<br>Lote de inspección /<br>Proben  |      | Y <sub>0.2</sub> %<br>PSI / MPa  |  | T <sub>S</sub><br>PSI / MPa   |       |      |      |       |      |     |      |      |      |     |      |       |      |      |       |        |       |      |      |       |      |
| <b>1000053801</b>   |      | <b>41,189 / 284</b>  |  | <b>96,301 / 664</b>   |       |      |      |       |      |     |      |      |      |     |      |       |      |      |       |        |       |      |      |       |      |
| <b>1000063802</b>   |      | <b>39,884 / 276</b>  |  | <b>95,721 / 660</b>   |       |      |      |       |      |     |      |      |      |     |      |       |      |      |       |        |       |      |      |       |      |
| Dimensions-surface / Dimensiones-Superficie / Maße-Oberfläche:<br>Test of identity (spectrum analysis) / Control de identidad (análisis espectral) / Verenscheidungsprüfung (Spektralanalyse):  |      | OK<br>OK   |  |   |       |      |      |       |      |     |      |      |      |     |      |       |      |      |       |        |       |      |      |       |      |
| No weld repairs<br>Free of radioactive contamination<br>Country of Heat as per ISO 3166-1<br>No intentional additions of Mercury compounds were made or used<br>EU RoHS Directive 2002/95/EC Compliant  |      |  |  |   |       |      |      |       |      |     |      |      |      |     |      |       |      |      |       |        |       |      |      |       |      |
| Originator of the document / Originador del documento / Aussteller der Bescheinigung<br><b>ThyssenKrupp Stainless USA, LLC</b><br>An ISO 9001:2008 certified company<br>Certificate is generated automatically / Certificado es generado automáticamente /<br>Das Zeugnis wurde elektronisch erstellt |      | The information provided is a true copy of data on file /<br>Los valores mostrados corresponden a los datos archivados /<br>Die gemessenen Werte entsprechen den gespeicherten Daten<br><br>Andrew Faure<br>Phone: +1 251 829 3492<br>Name of expert / Nombre del experto / Name des Sachverständigen |  | Date of issue and validation<br>Fecha de emisión y validación<br>Datum Ausstellung / Bescheinigung<br><b>09/12/2012</b>   |       |      |      |       |      |     |      |      |      |     |      |       |      |      |       |        |       |      |      |       |      |

DAS  
27  
9-89  
14310



# THYSSENKRUPP MATERIALS NA

P.O./Ref 23230

ALUMINUM PLAT BAR 6061 T6511  
375" x 1.00" x 144.0000"  
PART NO.

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

Signed by: \_\_\_\_\_  
Attn: \_\_\_\_\_

Certificate of Mill Test Results  
BL PEC-866491-005  
Pg 1/1



TEL: (416) 745-4444 FAX: (416) 745-0925 1-800-668-7210  
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4  
<http://www.extrudex.com>

## MILL TEST ASTM B221-12

|                                      |                                    |      |                  |                 |                               |                              |                        |
|--------------------------------------|------------------------------------|------|------------------|-----------------|-------------------------------|------------------------------|------------------------|
| BILL TO<br>THYSSENKRUPP MATERIALS NA | Cart Code:<br>1                    | 0.22 | DIE NUMBER<br>S  | 2222            | DATE OF SHIPMENT<br>8/12/2013 | EXTRUDEX ORDER NO.<br>159957 | MANIFEST NO.<br>292782 |
| SHIP TO<br>THYSSENKRUPP MATERIALS NA | CUSTOMER PO<br>PEC-250317          |      | ALLOY<br>6061    | TEMPER<br>T6511 | SALESMAN<br>FORBES DODWELL    | MADE IN CANADA               |                        |
| DESCRIPTION<br>375"x1" FB            | CUSTOMER PART NUMBER<br>1-375-1000 |      | PART DESCRIPTION |                 |                               | MILL TEST ASTM B221-12       |                        |

### Mechanical Properties

| Lot  | Alloy | Test Date | Ultimate Tensile Strength (KSI) | Yield Strength (KSI) | Percent Elongation | Hardness         | Conductivity |
|------|-------|-----------|---------------------------------|----------------------|--------------------|------------------|--------------|
| A.11 | 6061  | Aug/01/13 | 41.9                            | 38.6                 | 15.20              | 87.1, 87.9, 87.5 |              |

### Chemical Composition

| Cast Number | Si   | Fe    | Cu   | Mn    | Mg   | Cr    | Ni   | Zn    | Ti    | Ga   | V    | B    | Zr   | Bi   | Pb   | Sn   | Sr   | Co   | Al   | Other |
|-------------|------|-------|------|-------|------|-------|------|-------|-------|------|------|------|------|------|------|------|------|------|------|-------|
| 21369 6061  | 0.57 | 0.215 | 0.20 | 0.071 | 0.82 | 0.053 | 0.00 | 0.015 | 0.013 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00  |

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

*[Signature]*

David Natale  
Quality Control Manager

1 - CUSTOMER COPY

MILL TEST ASTM B221-12



# THYSSENKRUPP MATERIALS NA

PO/Rel 23230

DART AEROSPACE  
STAINLESS STEEL SHEET 304-2B  
.0480 Nom X 48.0000" X 96.0000"  
PART NO.

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-866491-003

06Mar14  
Pg 1/1

Signed by:

### 产品质量证明书 MATERIAL TEST CERTIFICATE

无锡宝昌金属制品有限公司  
Wuxi Baochang Metal Products Co., Ltd

PAGE 1 OF 2

单号: EX1309301GS  
Order No.  
货方: GLOBAL STAINLESS STEEL INC.  
用家: GLOBAL STAINLESS STEEL INC.  
ONSIGNEE

品名: STAINLESS STEEL SHEETS,  
Commodity: SLIT EDGE  
标准: ASTM A240/A240M  
Specification

牌号: 304  
Type: 2B  
表面加工: Surface Finish

编号: EX1309301  
Invoice No.  
发行日期: 2013-10-26  
Date

| 序号<br>No. | 货物编号<br>Product No. | 产品尺寸<br>Product Size  |                   |                    | 数量<br>Number | 重量<br>Weight<br>Kg | 拉伸试验<br>Tensile Test                 |                                 |                | 表面硬度<br>Hardness<br>HRB | 炉批号<br>HEAT NO. | 化学成分<br>Chemical Composition (%) |    |    |   |   |    |    |
|-----------|---------------------|-----------------------|-------------------|--------------------|--------------|--------------------|--------------------------------------|---------------------------------|----------------|-------------------------|-----------------|----------------------------------|----|----|---|---|----|----|
|           |                     | 厚度<br>Thickness<br>MM | 宽度<br>Width<br>MM | 长度<br>Length<br>MM |              |                    | 屈服强度<br>0.2% YS<br>N/mm <sup>2</sup> | 抗拉强度<br>TS<br>N/mm <sup>2</sup> | 延伸率<br>EL<br>% |                         |                 | C                                | Si | Mn | P | S | Ni | Cr |

|    |          |        |        |        |     |      |     |     |    |      |          |        |       |        |        |        |        |        |        |  |
|----|----------|--------|--------|--------|-----|------|-----|-----|----|------|----------|--------|-------|--------|--------|--------|--------|--------|--------|--|
| 12 | 13102612 | 0.6096 | 1219.2 | 2438.4 | 118 | 1612 | 250 | 690 | 57 | 83   | A1303883 | 0.0400 | 0.390 | 1.1300 | 0.0350 | 0.0010 | 8.0200 | 18.120 | 0.0400 |  |
| 13 | 13102613 | 0.6096 | 1219.2 | 2438.4 | 118 | 1616 | 250 | 690 | 57 | 83   | A1303883 | 0.0400 | 0.390 | 1.1300 | 0.0350 | 0.0010 | 8.0200 | 18.120 | 0.0400 |  |
| 14 | 13102614 | 0.7620 | 1219.2 | 2438.4 | 88  | 1644 | 271 | 665 | 58 | 89.5 | A1303883 | 0.0400 | 0.390 | 1.1300 | 0.0350 | 0.0010 | 8.0200 | 18.120 | 0.0400 |  |
| 15 | 13102615 | 0.7620 | 1219.2 | 2438.4 | 87  | 1626 | 271 | 665 | 58 | 89.5 | A1303883 | 0.0400 | 0.390 | 1.1300 | 0.0350 | 0.0010 | 8.0200 | 18.120 | 0.0400 |  |
| 16 | 13102616 | 1.2192 | 1219.2 | 2438.4 | 54  | 1494 | 267 | 695 | 55 | 87   | A1303987 | 0.0400 | 0.550 | 1.1000 | 0.0330 | 0.0010 | 8.0200 | 18.160 | 0.0400 |  |
| 17 | 13102617 | 1.2192 | 1219.2 | 2438.4 | 50  | 1378 | 267 | 695 | 55 | 87   | A1303987 | 0.0400 | 0.550 | 1.1000 | 0.0330 | 0.0010 | 8.0200 | 18.160 | 0.0400 |  |
| 18 | 13102618 | 1.2192 | 1219.2 | 3048   | 42  | 1460 | 267 | 695 | 55 | 87   | A1303987 | 0.0400 | 0.550 | 1.1000 | 0.0330 | 0.0010 | 8.0200 | 18.160 | 0.0400 |  |
| 19 | 13102619 | 1.2192 | 1219.2 | 3048   | 45  | 1574 | 267 | 695 | 55 | 87   | A1303988 | 0.0400 | 0.430 | 1.1300 | 0.0350 | 0.0010 | 8.0300 | 18.230 | 0.0300 |  |
| 20 | 13102620 | 1.5240 | 1219.2 | 2438.4 | 43  | 1485 | 271 | 680 | 52 | 87   | A1303988 | 0.0400 | 0.430 | 1.1300 | 0.0350 | 0.0010 | 8.0300 | 18.230 | 0.0300 |  |
| 21 | 13102621 | 1.5240 | 1219.2 | 2438.4 | 43  | 1487 | 271 | 680 | 52 | 87   | A1303988 | 0.0400 | 0.440 | 1.1500 | 0.0380 | 0.0010 | 8.1000 | 18.250 | 0.0400 |  |
| 22 | 13102622 | 1.9050 | 1219.2 | 2438.4 | 40  | 1725 | 268 | 650 | 55 | 84   | A2304006 | 0.0300 | 0.440 | 1.1500 | 0.0380 | 0.0010 | 8.1000 | 18.250 | 0.0400 |  |
| 23 | 13102623 | 1.9050 | 1219.2 | 2438.4 | 41  | 1755 | 268 | 650 | 55 | 84   | A2304006 | 0.0300 | 0.440 | 1.1500 | 0.0380 | 0.0010 | 8.1000 | 18.250 | 0.0400 |  |
| 24 | 13102624 | 3.0480 | 1219.2 | 3048   | 17  | 1482 | 280 | 675 | 54 | 84   | A1303883 | 0.0400 | 0.390 | 1.1300 | 0.0350 | 0.0010 | 8.0200 | 18.120 | 0.0400 |  |
| 25 | 13102625 | 3.0480 | 1219.2 | 3048   | 19  | 1656 | 280 | 675 | 54 | 84   | A1303883 | 0.0400 | 0.390 | 1.1300 | 0.0350 | 0.0010 | 8.0200 | 18.120 | 0.0400 |  |

备注 (Remarks):  
1. 尺寸和表面: 合格  
Size and Surface: Guaranteed

兹证明所列产品均符合订单和标准的制造要求  
WE HEREBY CERTIFY THAT THE MATERIAL HEREIN  
HAS BEEN MADE IN ACCORDANCE WITH THE ORDER AND  
SPECIFICATION  
\*此报告可完全复制  
\*The report can only be copied completely

技术本部  
TECHNICAL DEPT.

无锡宝昌金属制品有限公司  
WUXI BAOCHANG METAL PRODUCTS CO., LTD



# CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material meet the composition limits and the mechanical properties shown on the face of this sheet. This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, misleading, or otherwise fraudulent statements or omissions on this certificate by any recipient may be punished as a felony under applicable law.

*Rob Woodall*

Rob Woodall  
Director of Manufacturing Development Works

*James H. Thompson*

James H. Thompson  
Terrance Thom  
Quality Assurance Manager

1591296  
Ship Date  
2013-07-26  
P.O. No./Govt Contract No.  
4012-G Inv# : 5  
B.L. No.  
8584674  
Customer  
CHARLESTON ALUMINUM 6041015425R15  
Invoice No.  
00000  
Alcoa No. Item  
1000515129-4  
Alcoa Item  
DP-15129-01-4

Page 1 of 3

Ship To: CHARLESTON ALUMINUM  
480 FRONTAGE RD  
GASTON 29053 SC

Item Description  
0.09 IN TK (+0.0800 - .0045) X 48.0 IN W (+.125 - .125) X 144.0 IN LN (+.15625 - .45625) CAT X D126909 (N) A/W 6061-T6 PLAT SHEET FOR DISTRIBUTORS TOLERANCE GUARANTEED. AMS4027 REV N ANS135.2 REV 2009 EXC MKR ASME-SB-209 REV 11 EXC MKR ASTM209 REV 10 ((MARKED)) KRAV PAPER INTERLEAVED MAX GROSS SKID WGT. 4750 LB QUAN TOT +/- 10 % CQR D126909 REV 43 CUST REQ 13-07-23 \*\*\* W/E 13-07-27 \*\*\*

*Mr. Thompson*

| Item | Package Ticket | Lot    | Weight | Quantity | UOM | Inspector | Clock Numbers |
|------|----------------|--------|--------|----------|-----|-----------|---------------|
| 1    | 516966         | 381372 | 3910   | 67       | PC  | 27709     | 47114         |
| 2    | 517001         | 381372 | 3256   | 56       | PC  | 27709     | 47114         |
| 3    | 517001         | 397622 | 640    | 11       | PC  | 47114     | 27606         |
| 4    | 517003         | 397622 | 3898   | 67       | PC  | 47114     | 27606         |
| 5    | 517005         | 397622 | 3912   | 67       | PC  | 47114     | 27606         |
| 6    | 517006         | 397622 | 3892   | 67       | PC  | 47114     | 27606         |
|      |                |        | 19508  | 335      |     |           |               |

Notes for CQR: D126909.43  
PRODUCT PRODUCED TO THE REQUIREMENTS OF AMS4027 REV N ALSO MEET THE REQUIREMENTS OF AMS-QQ-A-250\_11 ORIGINAL REVISIO N DATED 1997-08-01.

CQR: D126909.43 -Specification Limits

Temp Dir UTS TYS EXAD  
16 Long Transv. KSI KSI PCP  
Min 42.0 35.0 10



2

CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bedford, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet. This report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

*Robert L. Beckel*  
Bob Wendell  
Director of Manufacturing Davenport Works  
*James H. Hagan*  
Teresa Thompson  
Quality Assurance Manager

1591296  
Ship Date 0 B.L. No. Invoice No. Alcoa No. Item  
2013-07-26 8584674 00000 1000515129-4 DP-15129-01-4  
P.O. No./Govt Contract No. Customer Alcoa Item  
4012-G Lot#: 5 CHARLESTON ALUMINUM G041015425R15

CQR: D126909.43 -Specification Limits (cont.)

Chemical Composition  
Max SI FE CU MN MG CR ZN TI  
Min 0.8 0.7 0.40 0.15 1.2 0.35 0.25 0.15 0.05 0.15  
Lot: 381372 - Mechanical, Physical, Metallurgy, Quantum Results REMAIN

Temp. Dlr Test  
76 Long Transv. 10  
KSI KSI KSI PCT  
49.3 43.6 43.6 11.6  
49.3 43.5 43.5 11.8  
49.2 43.5 43.5 11.6  
49.1 43.5 43.5 11.2  
49.1 43.3 43.3 11.9  
49.2 43.2 43.2 11.7  
49.1 43.5 43.5 11.5  
49.2 43.3 43.3 12.2  
49.2 43.4 43.4 11.9

Cast Number Chemical - OBS SI FE CU MN MG CR ZN TI  
H3746012 Actuals 0.61 0.5 0.22 0.11 1.0 0.17 0.03 0.02  
Lot: 397622 - Mechanical, Physical, Metallurgy, Quantum Results

Temp. Dlr Test  
76 Long Transv. 10  
KSI KSI KSI PCT  
49.9 43.6 43.6 12.7  
49.8 43.5 43.5 12.6  
49.8 43.6 43.6 12.7  
50 43.8 43.8 12.5  
50 43.7 43.7 12.9  
50.2 43.6 43.6 13  
50.1 43.6 43.6 13  
50.1 43.6 43.6 13  
50 43.5 43.5 12.9  
50.3 43.7 43.7 13.1



# CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street, Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material and the composition limits and that the mechanical properties shown on the face of this sheet.

This test report shall not be reproduced except in full without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

For

*Bob Woodall*

Bob Woodall

Director of Manufacturing Davenport Works

*Terrance Thom*

Terrance Thom

Quality Assurance Manager

Page 3 of 3

|                            |                                   |             |                |
|----------------------------|-----------------------------------|-------------|----------------|
| 1591296                    | 0                                 | Invoice No. | Alcoa No. Item |
| Ship Date                  | P.L. No.                          | Customer    | Alcoa Item     |
| 2013-07-26                 | 8584674                           | 00000       | 1000515129-4   |
| P.O. No./Govt Contract No. | CHARLESTON ALUMINUM G041015425R15 |             |                |
| 4012-G In#:                | 5                                 |             |                |

Lot: 397622 - Mechanical, Physical, Metallurgy, Quantometer Results (cont.) -----

Cast Number Chemical - OBS SI PH CU MN MG CR ZN TI

H3746093 Actuals 0.62 0.4 0.25 0.06 1.0 0.16 0.03 0.02

This material was melted in the United States or a Qualifying Country [REF DRAWS 225.872.1(a)] & it was manufactured in the United States



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: m6001TL6B1.000x0.375  
 RECEIVED BY: DESSO2  
 DATE: 14-03-11  
 P/O# 23230 MATERIAL CERT RECEIVED Yes  
 QUANTITY ORDERED: 48ft. QUANTITY RECEIVED: 48ft.  
 THICKNESS ORDERED: 0.375x1.000 THICKNESS RECEIVED: 0.375x1.000  
 SHEET SIZE: 12ft long SHEET SIZE RECEIVED: 12ft long

| DESCRIPTION                                     | NCR<br>(Check Y/N)                  |                                     | COMMENTS             |
|---|-------------------------------------|-------------------------------------|----------------------|
| SURFACE DAMAGE                                  | Y                                   | <input checked="" type="checkbox"/> |                      |
| INCORRECT FINISH                                | Y                                   | <input checked="" type="checkbox"/> |                      |
| CORROSION                                       | Y                                   | <input checked="" type="checkbox"/> |                      |
| INCORRECT GRAIN DIRECTION                       | Y                                   | <input checked="" type="checkbox"/> |                      |
| INCORRECT MATERIAL                              | Y                                   | <input checked="" type="checkbox"/> |                      |
| INCORRECT THICKNESS                             | Y                                   | <input checked="" type="checkbox"/> |                      |
| PHOTO REQUIRED                                  | Y                                   | <input checked="" type="checkbox"/> |                      |
| CORRECT MATERIAL                                | <input checked="" type="checkbox"/> | N                                   | m6001TL6B1.000x0.375 |
| CORRECT REF # TO LINK CERT                      | <input checked="" type="checkbox"/> | N                                   | Heat #: 21359        |
| CORRECT MATERIAL IDENTIFICATION                 | <input checked="" type="checkbox"/> | N                                   |                      |
| CORRECT M# ON THE MATERIAL                      | <input checked="" type="checkbox"/> | N                                   | m128435              |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y                                   | <input checked="" type="checkbox"/> |                      |
| DOES THIS REQUIRE AN EXTRUSION REPORT           | Y                                   | <input checked="" type="checkbox"/> |                      |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.<br>RECORD RESULTS BELOW |     |        |       |       |               |
|--|-----|--------|-------|-------|---------------|
| TYPE OF MATERIAL<br>SIZE OF TEST SAMPLE<br>HARDNESS / DUROMETER READING            | HRC | HRB    | DUR A | DUR D | S<br>14/03/11 |
|  |     |        |       |       |               |
|  |     | 52 HRC |       |       |               |

testers located in the Quality Office

| QC 18 INSPECTION        | ENGINEERING SIGNOFF (if required) |  |
|-------------------------|-----------------------------------|--|
| INSPECTED BY: <u>Jm</u> | BY: <u>N/A</u>                    |  |
| DATE: <u>14-03-11</u>   | DATE: <u>14</u>                   |  |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6B8.00W0.125  
 RECEIVED BY: DESSOZ  
 DATE: 14-03-11  
 P/O# 23230  
 QUANTITY ORDERED: 20 ft.  
 THICKNESS ORDERED: 8" 0.125"  
 SHEET SIZE: 20 ft 10 in  
 MATERIAL CERT RECEIVED: yes.  
 QUANTITY RECEIVED: 20 ft.  
 THICKNESS RECEIVED: 8" 0.125"  
 SHEET SIZE RECEIVED: 20 ft 10 in

| DESCRIPTION  | NCR<br>(Check<br>Y/N)                 | COMMENTS                  |
|--|---------------------------------------|---------------------------|
| SURFACE DAMAGE                                     | Y <input checked="" type="checkbox"/> |                           |
| INCORRECT FINISH                                   | Y <input checked="" type="checkbox"/> |                           |
| CORROSION  | Y <input checked="" type="checkbox"/> |                           |
| INCORRECT GRAIN DIRECTION                          | Y <input checked="" type="checkbox"/> |                           |
| INCORRECT MATERIAL                                 | Y <input checked="" type="checkbox"/> |                           |
| INCORRECT THICKNESS                                | Y <input checked="" type="checkbox"/> |                           |
| PHOTO REQUIRED                                     | Y <input checked="" type="checkbox"/> |                           |
| CORRECT MATERIAL                                   | <input checked="" type="checkbox"/> N | <u>M6061T6B8.00W0.125</u> |
| CORRECT REF # TO LINK CERT                         | <input checked="" type="checkbox"/> N | <u>Heat #: 21513789</u>   |
| CORRECT MATERIAL IDENTIFICATION                    | <input checked="" type="checkbox"/> N | <u>m128435</u>            |
| CORRECT M# ON THE MATERIAL                         | <input checked="" type="checkbox"/> N |                           |
| DOES THIS MATERIAL REQUIRE<br>ENGINEERING SIGN OFF | Y <input checked="" type="checkbox"/> |                           |
| DOES THIS REQUIRE AN<br>EXTRUSION REPORT           | Y <input checked="" type="checkbox"/> |                           |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.<br>RECORD RESULTS BELOW |     |               |       |       |               |
|--|-----|---------------|-------|-------|---------------|
| TYPE OF MATERIAL<br>SIZE OF TEST SAMPLE<br>HARDNESS / DUROMETER READING            | HRC | HRB           | DUR A | DUR D | S<br>14/03/12 |
|  |     |               |       |       |               |
|  |     | <u>50 HRB</u> |       |       |               |

testers located in the Quality Office

| QC 18 INSPECTION        | ENGINEERING SIGNOFF (if required) |
|-------------------------|-----------------------------------|
| INSPECTED BY: <u>JM</u> | BY: <u>N/A</u>                    |
| DATE: <u>14-03-11</u>   | DATE: <u>N/A</u>                  |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: m6061765.090  
 RECEIVED BY: DESJ02  
 DATE: 14-03-11  
 P/O# 23230 MATERIAL CERT RECEIVED yes.  
 QUANTITY ORDERED: 96 sq ft. QUANTITY RECEIVED: 96 sq. ft.  
 THICKNESS ORDERED: 0.090" THICKNESS RECEIVED: 0.090"  
 SHEET SIZE: 12 ft x 4 ft. SHEET SIZE RECEIVED: 12 ft x 4 ft.

| DESCRIPTION  | NCR<br>(Check<br>Y/N)                 | COMMENTS     |
|--|---------------------------------------|--------------|
| SURFACE DAMAGE                                     | Y <input checked="" type="checkbox"/> |              |
| INCORRECT FINISH                                   | Y <input checked="" type="checkbox"/> |              |
| CORROSION  | Y <input checked="" type="checkbox"/> |              |
| INCORRECT GRAIN DIRECTION                          | Y <input checked="" type="checkbox"/> |              |
| INCORRECT MATERIAL                                 | Y <input checked="" type="checkbox"/> |              |
| INCORRECT THICKNESS                                | Y <input checked="" type="checkbox"/> |              |
| PHOTO REQUIRED                                     | Y <input checked="" type="checkbox"/> |              |
| CORRECT MATERIAL                                   | <input checked="" type="checkbox"/> N | m6061765.090 |
| CORRECT REF # TO LINK CERT                         | <input checked="" type="checkbox"/> N | Heat: 397622 |
| CORRECT MATERIAL IDENTIFICATION                    | <input checked="" type="checkbox"/> N |              |
| CORRECT M# ON THE MATERIAL                         | <input checked="" type="checkbox"/> N | m128435      |
| DOES THIS MATERIAL REQUIRE<br>ENGINEERING SIGN OFF | Y <input checked="" type="checkbox"/> |              |
| DOES THIS REQUIRE AN<br>EXTRUSION REPORT           | Y <input checked="" type="checkbox"/> |              |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.<br>RECORD RESULTS BELOW |     |          |       |       |               |
|--|-----|----------|-------|-------|---------------|
| TYPE OF MATERIAL<br>SIZE OF TEST SAMPLE<br>HARDNESS / DUROMETER READING            | HRC | HRB      | DUR A | DUR D | 8<br>14/03/12 |
|  |     |          |       |       |               |
|  |     | 32-12-13 |       |       |               |

testers located in the Quality Office

| QC 18 INSPECTION        | ENGINEERING SIGNOFF (if required) |
|-------------------------|-----------------------------------|
| INSPECTED BY: <u>Jm</u> | BY: <u>N/A</u>                    |
| DATE: <u>14-03-11</u>   | DATE: <u></u>                     |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: m304s206A . 040 PO / BATCH NO.: 23230  
 DATE: march 7 / 2014  
 MATERIAL CERT REC'D: m1284BS  
 QUANTITY RECEIVED: 10 THICKNESS ORDERED: 040  
 QUANTITY INSPECTED: 10 THICKNESS RECEIVED: \_\_\_\_\_  
 QUANTITY REJECTED: 1 SHEET SIZE ORDERED: 4x8  
 SHEET SIZE RECEIVED: 4x8

| DESCRIPTION  | NCR<br>(Check<br>Y/N)   | COMMENTS            |
|--|---|---------------------|
| SURFACE DAMAGE                                     | Y <input checked="" type="radio"/> N                                  |                     |
| CORRECT FINISH                                     | Y <input checked="" type="radio"/> N                                  |                     |
| CORROSION  | Y <input checked="" type="radio"/> N                                  |                     |
| CORRECT GRAIN DIRECTION                            | Y <input checked="" type="radio"/> N                                  |                     |
| CORRECT MATERIAL                                   | Y <input checked="" type="radio"/> N                                  |                     |
| CORRECT THICKNESS                                  | Y <input checked="" type="radio"/> N                                  |                     |
| PHOTO REQUIRED                                     | Y <input checked="" type="radio"/> N                                  |                     |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> Y <input checked="" type="radio"/> N | ASTM A210 / A210M   |
| CORRECT REF # TO LINK CERT                         | <input checked="" type="radio"/> Y <input checked="" type="radio"/> N | 6040148 HEAT 350174 |
| CORRECT MATERIAL IDENTIFICATION                    | <input checked="" type="radio"/> Y <input checked="" type="radio"/> N |                     |
| CORRECT M# ON THE MATERIAL                         | <input checked="" type="radio"/> Y <input checked="" type="radio"/> N | m1284BS             |
| DOES THIS MATERIAL REQUIRE<br>ENGINEERING SIGN OFF | Y <input checked="" type="radio"/> N                                  |                     |
| DOES THIS REQUIRE AN<br>EXTRUSION REPORT           | Y <input checked="" type="radio"/> N                                  |                     |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.<br>RECORD RESULTS BELOW |     |        |       |       |               |
|--|-----|--------|-------|-------|---------------|
|  | HRC | HRB    | DUR A | DUR D |               |
| TYPE OF MATERIAL   |     |        |       |       |               |
| SIZE OF TEST SAMPLE  |     |        |       |       |               |
| HARDNESS / DUROMETER READING   |     | 32 HRB |       |       | 5<br>14/03/12 |

testers located in the Quality Office

| QC 18 INSPECTION  | ENGINEERING SIGNOFF (if required)   |
|---|-------------------------------------|
| INSPECTED BY: <u>DAS 27 14/3/10</u><br>DATE: <u>14/3/10</u> | SIGNED OFF BY: _____<br>DATE: _____ |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: m304s18GA .asa

PO / BATCH NO.: 23230

DATE: march, 7, 2014

MATERIAL CERT REC'D: march 7, 2014

THICKNESS ORDERED: .048

QUANTITY RECEIVED: 6

THICKNESS RECEIVED: \_\_\_\_\_

QUANTITY INSPECTED: 6

SHEET SIZE ORDERED: 4x8'

QUANTITY REJECTED: 1

SHEET SIZE RECEIVED: 4x8'

| DESCRIPTION  | NCR<br>(Check<br>Y/N)              |                                    | COMMENTS |
|--|------------------------------------|------------------------------------|----------|
| SURFACE DAMAGE                                     | Y                                  | <input checked="" type="radio"/> N |          |
| CORRECT FINISH                                     | Y                                  | <input checked="" type="radio"/> N |          |
| CORROSION  | Y                                  | <input checked="" type="radio"/> N |          |
| CORRECT GRAIN DIRECTION                            | Y                                  | <input checked="" type="radio"/> N |          |
| CORRECT MATERIAL                                   | Y                                  | <input checked="" type="radio"/> N |          |
| CORRECT THICKNESS                                  | Y                                  | <input checked="" type="radio"/> N |          |
| PHOTO REQUIRED                                     | Y                                  | <input checked="" type="radio"/> N |          |
| CORRECT MATERIAL                                   | <input checked="" type="radio"/> Y | N                                  |          |
| CORRECT REF # TO LINK CERT                         | <input checked="" type="radio"/> Y | N                                  |          |
| CORRECT MATERIAL IDENTIFICATION                    | <input checked="" type="radio"/> Y | N                                  |          |
| CORRECT M# ON THE MATERIAL                         | <input checked="" type="radio"/> Y | N                                  |          |
| DOES THIS MATERIAL REQUIRE<br>ENGINEERING SIGN OFF | Y                                  | <input checked="" type="radio"/> N |          |
| DOES THIS REQUIRE AN<br>EXTRUSION REPORT           | Y                                  | <input checked="" type="radio"/> N |          |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.<br>RECORD RESULTS BELOW |     |        |       |       |               |
|--|-----|--------|-------|-------|---------------|
| TYPE OF MATERIAL<br>SIZE OF TEST SAMPLE<br>HARDNESS / DUROMETER READING            | HRC | HRB    | DUR A | DUR D | 5<br>14103/12 |
|  |     |        |       |       |               |
|  |     | 36 HRB |       |       |               |

testers located in the Quality Office

|  |   |
|--|---|
| <b>QC 18 INSPECTION</b><br><br>INSPECTED BY: <u>27 9-88</u><br>DATE: <u>4/3/10</u> | <b>ENGINEERING SIGNOFF (if required)</b><br><br>SIGNED OFF BY: _____<br>DATE: _____ |
|--|---|

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO23230**

Purchase Order Date 3/5/2014

PO Print Date 3/5/2014

Page Number 1 of 5

**Order From :** VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**PAID**  
2/10/15

|                        |                |                       |                      |
|------------------------|----------------|-----------------------|----------------------|
| <b>Contact Name</b>    |                | <b>Buyer</b>          | Chantal Lavoie       |
| <b>Vendor Phone</b>    | 905 669 9444   | <b>Customer POID</b>  |                      |
|                        |                | <b>Customer Tax #</b> | 10127-2607           |
| <b>Ship To Contact</b> |                | <b>Terms</b>          | Net 30               |
| <b>Ship To Phone</b>   |                | <b>Currency</b>       | CAD                  |
| <b>Ship Via:</b>       | VENDOR'S TRUCK | <b>FOB</b>            | FCA - (Free Carrier) |
| <b>Ship Acct:</b>      |                |                       |                      |

M128436

| Line Nbr   | Reference Vendor Part Number<br>Line Comments<br>Delivery Comments | Description/<br>Mfg ID         | Req Date/<br>Taxable<br>Promise Date | CD | Req Qty/<br>Unit of<br>Measure | PO Unit Price | Extended Price |
|--|--|--------------------------------|--------------------------------------|----|--------------------------------|---------------|----------------|
| 1  | M6061T6T8.000W.125   | 6061-T6 RD Tube 8.00<br>X.125W | 3/10/2014<br>Yes<br>3/10/2014        |    | 20.00<br>f                     | \$14.60       | \$292.00       |
| MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING<br>AS PER WW-T-700/8 OR QQ-A-200/8 OR QQ-A-225/8 OR<br>AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR<br>ASTM B241 |  |                                |                                      |    |                                |               |                |
| Line Total:  |  |                                |                                      |    |                                |               | \$292.00       |
| 2  | M304S20GA  | 304/316 .040 Sheet             | 3/10/2014<br>Yes<br>3/10/2014        |    | 320.00<br>sf                   | \$2.65        | \$849.00       |
| MATERIAL; AISI 304/316 SS SHEET ANNEALED<br>AS PER MIL-S-5059 OR AMS 5513 (304)<br>OR AMS 5524 (316) OR ASTM A240 OR<br>ASME SA240                                     |  |                                |                                      |    |                                |               |                |
| Line Total:  |  |                                |                                      |    |                                |               | \$849.00       |

Rec'd 3/10

**PO Instructions:** NO: PEC ST-658228  
NO: PEC ST-658371

**Note:**

3/5/2014





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO23230**

Purchase Order Date 3/5/2014

PO Print Date 3/5/2014

Page Number 2 of 5

**Order From :** VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

|                        |                |                       |                      |
|------------------------|----------------|-----------------------|----------------------|
| <b>Contact Name</b>    |                | <b>Buyer</b>          | Chantal Lavoie       |
| <b>Vendor Phone</b>    | 905 669 9444   | <b>Customer POID</b>  |                      |
|                        |                | <b>Customer Tax #</b> | 10127-2607           |
| <b>Ship To Contact</b> |                | <b>Terms</b>          | Net 30               |
| <b>Ship To Phone</b>   |                | <b>Currency</b>       | CAD                  |
| <b>Ship Via:</b>       | VENDOR'S TRUCK | <b>FOB</b>            | FCA - (Free Carrier) |
| <b>Ship Acct:</b>      |                |                       |                      |

|   |           |                    |           |        |  |        |          |
|---|-----------|--------------------|-----------|--------|--|--------|----------|
| 3 | M304S18GA | 304/316 .050 Sheet | 3/10/2014 | 192.00 |  | \$3.59 | \$690.00 |
|   |           |                    | Yes       | sf     |  |        |          |
|   |           |                    | 3/10/2014 |        |  |        |          |

MATERIAL: AISI 304/316 SS SHEET ANNEALED  
AS PER MIL-S-5059 OR AMS 5513 (304)  
OR AMS 5524 (316) OR ASTM A240 OR  
ASME SA240

**Line Total:** \$690.00

|   |              |                    |           |       |  |        |          |
|---|--------------|--------------------|-----------|-------|--|--------|----------|
| 4 | M6061T6S.090 | 6061-T6 .090 Sheet | 3/10/2014 | 96.00 |  | \$3.84 | \$369.00 |
|   |              |                    | Yes       | sf    |  |        |          |
|   |              |                    | 3/10/2014 |       |  |        |          |

MATERIAL: 6061-T6/T62 ALUMINUM SHEET  
AS PER QQ-A-250/11 OR AMS-QQ-A-250/11  
OR AMS 4025 OR AMS 4027 OR ASTM B209

**Line Total:** \$369.00

|   |                      |                        |           |       |  |        |         |
|---|----------------------|------------------------|-----------|-------|--|--------|---------|
| 5 | M6061T6B0.375X01.000 | 6061T6 BAR .375 x 1.00 | 3/10/2014 | 48.00 |  | \$0.92 | \$44.16 |
|   |                      |                        | Yes       | f     |  |        |         |
|   |                      |                        | 3/10/2014 |       |  |        |         |

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-A/200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

**PO Instructions:** NO: PEC ST-658228  
NO: PEC ST-658371

**Note:**

3/5/2014





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO23230**

Purchase Order Date 3/5/2014

PO Print Date 3/5/2014

Page Number 3 of 5

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 905 669 9444  
  
Ship To Contact  
Ship To Phone  
Ship Via: VENDOR'S TRUCK  
Ship Acct:

Buyer  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA – (Free Carrier)

Line Total: \$44.16

|   |                     |                             |           |       |         |          |
|---|---------------------|-----------------------------|-----------|-------|---------|----------|
| 6 | M7075T6B0.375X8.000 | 7075-T6 BAR 0.375" X 8.000" | 3/10/2014 | 24.00 | \$17.92 | \$430.00 |
|---|---------------------|-----------------------------|-----------|-------|---------|----------|

Yes f

3/10/2014

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-A-200/11 OR CUT FROM PLATE QQ-A-250/12

Line Total: \$430.00

|   |                     |                             |           |       |         |          |
|---|---------------------|-----------------------------|-----------|-------|---------|----------|
| 7 | M7075T6B6.000X0.250 | 7075-T6 BAR 6.000" X 0.250" | 3/10/2014 | 24.00 | \$11.25 | \$270.00 |
|---|---------------------|-----------------------------|-----------|-------|---------|----------|

Yes f

3/10/2014

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-A-200/11 OR CUT FROM PLATE QQ-A-250/12

Line Total: \$270.00

|   |                     |                             |           |       |         |            |
|---|---------------------|-----------------------------|-----------|-------|---------|------------|
| 8 | M7075T6B5.000X0.375 | 7075-T6 BAR 5.000" X 0.375" | 3/10/2014 | 96.00 | \$11.42 | \$1,096.00 |
|---|---------------------|-----------------------------|-----------|-------|---------|------------|

Yes f

3/10/2014

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-A-200/11 OR CUT FROM PLATE QQ-A-250/12

PO Instructions: NO: PEC ST-658228  
NO: PEC ST-658371

Note:

3/5/2014





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO23230**

Purchase Order Date 3/5/2014

PO Print Date 3/5/2014

Page Number 4 of 5

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 905 669 9444  
  
Ship To Contact  
Ship To Phone  
Ship Via: VENDOR'S TRUCK  
Ship Acct:

Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA – (Free Carrier)

Line Total: \$1,096.00

|   |                      |                             |           |       |         |          |
|---|----------------------|-----------------------------|-----------|-------|---------|----------|
| 9 | M7075T6B1.750X02.250 | 7075-T6 BAR 1.750" X 2.250" | 3/10/2014 | 12.00 | \$25.42 | \$305.00 |
|---|----------------------|-----------------------------|-----------|-------|---------|----------|

Yes f

3/10/2014

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-A-200/11 OR CUT FROM PLATE QQ-A-250/12

Line Total: \$305.00

|    |          |                             |           |      |        |        |
|----|----------|-----------------------------|-----------|------|--------|--------|
| 10 | 71401-45 | PROCUREMENT QUALITY CLAUSES | 3/10/2014 | 0.00 | \$0.00 | \$0.00 |
|----|----------|-----------------------------|-----------|------|--------|--------|

No

3/10/2014

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality document

Line Total: \$0.00

PO Instructions: NO: PEC ST-658228  
NO: PEC ST-658371

Note:

3/5/2014





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO23230**

Purchase Order Date 3/5/2014

PO Print Date 3/5/2014

Page Number 5 of 5

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 905 669 9444  
  
Ship To Contact  
Ship To Phone  
Ship Via: VENDOR'S TRUCK  
Ship Acct:

Buyer  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA – (Free Carrier)

Chantal Lavoie

PO Total: \$4,345.16

PO Instructions: NO: PEC ST-658228  
NO: PEC ST-658371

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Change Nbr: 1 Change Date: 3/5/2014